ELEVENTH BIENNIAL REPORT

OF THE

BOARD OF CONTROL

OF THE

MICHIGAN SCHOOL FOR THE BLIND

FROM

JULY 1, 1900, TO JUNE 30, 1902.

BY AUTHORITY

LANSING, MICH.
ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1903

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BOARD OF CONTROL.

T. W. CRISSEY, President, - - - - - - - - - - MIDLAND.
F. H. RANKIN, Vice-President and Secretary, - - - - - FLINT.
G. W. BEMENT, Treasurer, - - - - - - - - - - LANSING.

REGULAR MEETING.

Last Tuesday of each month.

ORDER OF BUSINESS.

1. Reading Minutes of Previous Meeting.
2. Reading and Reference of Petitions and Communications.
3. Reports and Suggestions from Superintendent.
4. Executive Session.
5. Reports of Standing Committees.
6. Reports of Special Committees.
7. Auditing Claims.
8. Unfinished and Miscellaneous Business.
9. Executive Session.
10. Adjournment.

CLASS ROOM

OFFICERS FOR 1901–1902.

*W. C. HULL. - - - - - - - -	SUPERINTENDENT.
ANNA E. POTTER. - - - - - -	CLERK AND BOOKKEEPER.
ELIZABETH L. PARKER, - - - -	MATRON.
J. F. CAMPBELL, M. D., - - -	PHYSICIAN.
JOSEPH FOSTER, M. D., - - - - .	CONSULTING OCULIST AND AURIST.
HENRIETTA C. MORRISON, - -	NURSE.
CARRIE McKENNY. - - - - - -	JUNIOR BOYS' MATRON.

TEACHERS.

Literary Department.

EDWARD H. GOODRICH, HENRIETTA WARREN, H. BLANCHE SALSBURY, EVA S. ANDREWS.

Musical Department.

AARON C. BLAKESLEE, Director Tuning Department.
†LEMMA M. VOORHEIS, Vocal Music.
GRACE A. BROWN, Director, Instrumental Music.

Handicraft.

MISS E. A. FOOTE, Girls Work.
DENIS BERGIN, Broom Making.
KATHRYN WRIGHT, Cooking.
ELIZABETH GULLER TOOLAN, Hammock Netting, etc.

Stereotyper.

AMBROSE M. SHOTWELL.

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* Resigned, Clarence E. Holmes appointed.
† Resigned, Buelah E. Harkness appointed.

REPORT OF THE BOARD OF CONTROL.

HON. AARON T. BLISS, *Governor of Michigan:*

We herewith submit the eleventh biennial report of the Michigan School for the Blind, the fifth by the Board of Control as organized under the law of 1893.

Since our last report the school has sustained a great loss in the death of Superintendent E. P. Church, which occurred after much patient suffering on his part, June 4, 1901.

For eight years he had given his entire thought and effort and all the energy of his trained and scholarly mind to this institution. The helpful influence of his labors and of his sterling and pure character will long continue.

For the year ending June 30, 1902, the school has been under the superintendence of Mr. W. C. Hull. He having resigned, Mr. Clarence E. Holmes, for several years the efficient superintendent of the Lansing public schools has been secured for the position of superintendent, and it is confidently expected that the high standard of the school will be maintained and advanced under his management.

There has been a great percentage of increase in the attendance of pupils in the last few years and the average age of pupils is much less than formerly, which we consider a very encouraging feature. In 1892 the total enrollment was 77. In the two years just ending it has reached 130, while the average actual attendance has been 111.

Yet there are many in the State who need, but are not receiving the benefits of attendance here, the number being probably greater than that of those who are enjoying the advantages of the school, so generously provided by the State for the blind. This leads us to again urge the desirability of legislation providing for compulsory attendance under reasonable conditions—more needed, perhaps, for the blind than for those who can see.

There are, however, in the State, many who are blind, but have reached such age and conditions as make their attendance at this school impracticable, for many of whom the struggle of life is a difficult and gloomy one, and we desire to again place ourselves on record as advocating the establishment of an industrial home for the blind, where work can be systematically provided and board, clothing, etc., furnished at lowest possible cost. Such an institution should have no connection with the School for the Blind, which is simply a school.

Without great expenditure, but by gradual additions, we have been able to largely improve the interior appointments and furnishings of the buildings and rooms, but the increased attendance and needs of the school force upon us, and lead us to ask the kind attention of yourself and the State legislature to the necessity of a building for chapel, dining-room,

and kitchen with store room, etc. We will submit to the State Board of Corrections and Charities, sketches of such proposed building, the expense of which we think will not exceed $15,000.

The physical condition of the school property is certainly far better than a few years ago, and while the cost of provisions and all supplies has materially advanced the average cost per capita for maintenance has been but slightly increased, if at all, and notwithstanding the considerable increase in attendance, as well as in prices, we shall find it necessary to ask but a small increase in the appropriation for current expenses for the coming biennial period.

The hospital which was so generously provided for has been completed, and while we hope that the health of the school in future years may be such that there will be but little use for it, yet we feel that it has already justified the outlay, and paid great interest thereon, for we have had one case of smallpox in the school which it was possible immediately to isolate, thus preventing contagion, and at the same time to give the patient every attention and the most careful nursing, under which recovery was complete.

The industrial work and training of the school are continued along the lines indicated in our last report—broom making, hammock and net making, cooking, sewing, all receive careful attention. Piano tuning is a specialty for which many of the pupils have a good degree of capacity.

It is the aim of this school to provide full occupation, mental and physical for every pupil not only for what he or she may acquire, but for the cultivation of the habit of being usefully occupied.

The reproduction in the Braille raised point system of books for the blind has been continued as an important feature of our work and we respectfully refer you to a list of valuable publications given on another page of this report.

We thank you, Governor, for the kind and encouraging visits which you have made at the school and hope they may be often repeated, and we invite all who can to visit the institution, and examine its work.

The following named periodicals have been sent to us gratuitously during the biennial period and the publishers hereby receive our hearty thanks:

Detroit Tribune.
Lansing Journal.
Midland Republican.
Industrial Enterprise.
Colorado Index.
The Mirror.
State Republican.
Detroit Journal.
Ingham County News.
The Institution News.
The Tablet.

We also desire to thank the railway association for the many favors granted us in giving reduced rates to our pupils.

Respectfully submitted,

T. W. CRISSEY,
G. W. BEMENT,
F. H. RANKIN,
Board of Control.

KINDERGARTEN.

APPROPRIATIONS.

Lansing, Mich., September 23, 1902.

To the State Board of Corrections and Charities, Lansing, Mich.:

Gentlemen—I submit below the estimates of appropriations, made by the board of this institution, for the two years beginning June 30, 1903, as provided by Section 2228, Compiled Laws 1897, with a statement of our expenditures for the year ending June 30, 1902.

Summary of appropriations needed for each of the two years beginning June 30, 1903:

FOR CURRENT EXPENSES.

First year	$34,696 00
Second year	34,696 00
Total	$69,392 00
Less estimated earnings	4,000 00
Appropriation needed for the two years named above	$65,392 00

On the basis of the following approximate classification:

Items.	Sub. Items.	Estimated needs for first of above years.	Estimated needs for second of above years. (If same as first year simply place in total, explain differences under "note" below.)		Amount expended during year ending June 30, 1902.
1. Salaries and wages		$10,094 00			$8,933 97
	Sub. Items.		Sub. Items.		
Superintendent	$1,700 00				
Physician	250 00				
Chief clerk (non res.)	660 00				
Bookkeeper (12 mos.)					
Matron (12 mos.)	450 00				
Boys' matron	300 00				
Nurses (regularly employed, not special)(10 mos.)	350 00				
Visitors' attendant	130 00				
Teachers: $450, $250, $300, $700, $350, $300, $225, $50, $300	2,925 00				
Man-of-all-work	480 00				
Watchman (non res.)	444 00				
Baker	175 00				
Cook	300 00				
Assistant cook	180 00				
Housemaids, 10 at $140	1,400 00				
Seamstresses, $200, $150	350 00				
2. Food		7,000 00			6,330 96
3. Clothing		1,200 00			1,155 26
4. Laundry expenses		1,352 00			1,111 09
Supplies	$635 00				
Labor, $270, $225, $140, $82	717 00				
5. Heating		3,400 00			2,797 47
Material	$2,600 00				
Labor	800 00				

CURRENT EXPENSES — *Continued.*

Items.		Estimated needs for first of above years.	Estimated needs for second of above years. (If same as first year, simply place in total, explain differences under "note" below.)		Amount expended during year ending June 30, 1902.
6. Light		$700 00			$652 56
7. Medical expenses		600 00			577 96
Supplies	$250 00				
Physicians (special service only)	50 00				
Nurses (special service only)	300 00				
8. Stationery, printing, etc.		400 00			375 45
9. Amusement and instruction		1,000 00			1,034 90
10. Household supplies		600 00			1,372 88
11. Furniture and bedding		800 00			1,527 69
12. Improvement and repairs		2,000 00			1,958 64
13. Tools and machinery		100 00			99 10
14. Farm, garden, stock and grounds		2,325 00			2,947 69
Farmers and gardeners (regularly employed; number and salary paid each) $500, $275, $275	$1,050 00				
Farm labor, $275, $250, $250	775 00				
Tools, implements, vehicles and material	100 00				
Seeds and plants	100 00				
Live stock	200 00				
Other farm or garden expenses	100 00				
15. Freight and transportation (not otherwise classified)		150 00			161 87
16. Miscellaneous expenses		600 00			512 81
17. Industrial training		2,375 00			1,540 55
Salary, $500, $300, $350, $225	$1,375 00				
Broom corn, twine, etc.	1,000 00				
Totals		$34,696 00			$33,090 85
Less estimated earnings		2,000 00			
Appropriation needed		$32,696 00			

GENERAL STATISTICS.

	1901.	1902.
Total number of inmates each year of the biennial period ending June 30, 1902	130	120
Average number of inmates each year of the biennial period ending June 30, 1902	118	104
Per capita cost to the State for each year of the biennial period ending June 30, 1902	.....	$275 75
Estimated total number of inmates each year of the biennial period ending June 30, 1905	.....	.....
Estimated average number of inmates for each year of the biennial period ending June 30, 1905	.....	.....
Estimated per capita cost to the State for each year of the biennial period ending June 30, 1905, based on "estimated needs"	.....	.....

SPECIAL APPROPRIATION NEEDED.

We give below the aggregate of each; the details and items required by Section 2228, Compiled Laws, 1897, we submit on accompanying sheets.

Addition to kitchen, dining-room and chapel	$15,000 00

ADDITION TO KITCHEN, DINING-ROOM AND CHAPEL.

195 yds. excavating at 30c	$52 50
40 yds concrete, at $6	240 00
175 perch stone, at $2.50	337 50
240 M. brick, at $15	3,600 00
Chimney tops, etc	150 00
3,180 ft. concrete, at 10c	318 00
Drains	50 00
600 yds. plastering	180 00
Cut stone	300 00
Iron work	800 00
12 M. ft. maple flooring, at $60	720 00
8 M. ft. floor lining, at $12	96 00
60 M. ft. bill stuff, at $20	1,200 00
Grounds	150 00
Steel ceiling	800 00
Galv, iron, etc	250 00
Windows and finish	1,320 00
Doors	900 00
Sliding blinds	250 00
Base	200 00
Wainscoting	500 00
Stairs	350 00
Rostrum	50 00
40 sq. slate roof, at $9	360 00
Painting	400 00
Glass	140 00
Hardware	150 00
Dumb waiter	300 00
Porches	500 00
	$14,764 00

STATE OF MICHIGAN,
BOARD OF CORRECTIONS AND CHARITIES,
Lansing, Nov. 3, 1902.

HON. G. W. BEMENT, *Treasurer, School for the Blind, Lansing, Mich.:*

Dear Sir—Your communication to the State Board of Corrections and Charities, submitting for its consideration and opinion the proposed appropriation for your institution for the years 1903 and 1904, has been received. The school has been visited and its "conditions and needs investigated." The proposed appropriations have been carefully considered, and the State Board respectfully submits herewith its opinion of the same.

Current expenses, $32,696.00 each year..... $65,392 00
Is approved.
Addition to kitchen, dining-room and chapel.. 15,000 00

In the opinion of this Board, the proposed improvement designed by this item is very apparent, and is approved. The estimate submitted of its cost seems reasonable, and the amount is approved.

Yours respectfully,

L. C. STORRS, *Secretary.*
GEO. D. GILLESPIE, *Chairman.*

EXAMINATION OF THE PLANS FOR A PROPOSED NEW HOSPITAL AT THE MICHIGAN SCHOOL FOR THE BLIND, LANSING.

At a special meeting af the State Board of Health, held at Lansing, June 12, 1901, the plans for a proposed new hospital for the Michigan School for the Blind were examined in accordance with Section 2229, Compiled Laws of 1897 (Section 15, Public Health Laws, 1899).

The members concurring in the opinion herein expressed were, Hon. Frank Wells, president; Hon. Henry A. Haigh, Prof. Victor C. Vaughan, and Henry B. Baker, secretary.

No person was present at the meeting to explain the plans, but previous to that time, E. A. Bowd, architect, visited the office of the board, and explained the plans.

The plans contemplate the heating of the ward rooms, nurses rooms, and dining-rooms on both floors by indirect radiation, and the corridors and kitchens by direct radiation. For the supply of fresh air to the wards, the plans show two rooms in the basement set apart for fresh-air chambers, separated from other rooms by doors, the ceilings of the same plastered, and the floors concreted. For the nurses' rooms and dining-rooms, the fresh air supply will be taken from windows near the indirect radiators, and conducted to the stacks in air-tight metallic tubes. The proposed methods for the supply of fresh air to the wards, nurses' rooms and dining-rooms are approved and commended.

The proposed height above the floor levels of the registers for the supply of fresh air and the removal of vitiated air was not shown on the plans, but the architect stated that the vent flues would be in the walls, at the floor levels, and the fresh air would enter the rooms through registers in the walls about six feet above the floor levels.

It was understood the second story would probably be used for the isolation of persons suffering from communicable diseases, and for that purpose separate entrances to the first and second floors have been designed, and there will be no communication between the two floors inside the building. The proposed plan for isolating the second floor rooms from those on the first floor is approved and commended. It would be well if this principle were extended so as to apply also to the basement. This would necessitate the entire separation of those rooms in the basement which might be necessary for the use of the second floor, from those used by the occupants of the first floor. The dumb waiter provided for the second floor should be dispensed with, unless it communicate with a part of the basement not accessible to the occupants of the first floor.

The proposed positions of the two toilet rooms on the second floor, adjoining the corridors and separated by other toilet rooms from outside light and ventilation, was commented upon, but as they cannot conveniently be located near outer walls without changing the general plans of the ward rooms, the objection raised was considered not of sufficient importance to warrant a change of the proposed positions of these rooms.

The plans show transoms over the several doors leading into the corridors, which if opened would interfere with the ventilation of the rooms, and aid in the transmission of disease germs from an infected room to other rooms on the same floor. It is recommended that each transom be of glass and securely fastened so that it cannot be opened at any time.

A separate plan of the sewerage system shows the course of the sewers and drains under the basement, the arrangment of which seems to be satisfactory.

The plans were approved, in so far as this board is required by law to examine and express an opinion.

HENRY B. BAKER,
Secretary.

Michigan State Board of Health,
Office of the Secretary,
Lansing, June 15, 1901.

CORRESPONDENCE IN REGARD TO HOSPITAL.

STATE OF MICHIGAN,
BOARD OF CORRECTIONS AND CHARITIES,
Lansing, May 4, 1901.

Board of Control, Michigan School for the Blind, Lansing, Mich.:

DEAR SIRS—The State Board of Corrections and Charities at a meeting held the 2nd inst., examined the amended plans of a hospital building to be erected at your institution, provided for by the legislature of 1899, and appropriation increased by the present legislature. I am instructed to recommend the following changes in such plans, namely: that the walls between the wards and the nurses' rooms, and also the wall between end of hall and dining-room, be 8-inch brick walls, in place of the lath and plaster walls planned. That the front porch be extended across the end of the building, and enclosed in glass for a sun bath for convalescents. That steel enameled water closet seats be used in the place of the wooden seats proposed. That the building be made, as far as possible, asceptic. With such recommendations adopted, the plans meet the approval of this board.

By order of the board.

Yours respectfully,
L. C. STORRS,
Secretary.

REPORT OF NURSE.

To the Board of Control:

In submitting a report of the hospital and sanitary conditions it gives me pleasure to say that the new hospital which was finished last spring has already proven of much benefit. The advantages of a separate building were fully established in June, during the smallpox scare, which fortunately, soon passed away. The hospital is well heated and lighted and is rapidly being equipped so that the school is now well prepared in that direction.

In addition, a room is reserved in each wing of the main building as a detention room so that an ailing child may be immediately separated from the other children.

A marked improvement in diet has resulted in the use of less medicine and has brought about good results.

There has been no serious illness during the last two years and no deaths.

Respectfully submitted,
HENRIETTA C. MORRISON.

REPORT OF PRINCIPAL.

To the Board of Control, Michigan School for Blind:

GENTLEMEN—I take pleasure in calling your attention to the following report of the literary department for the biennial period ending June, 1902. I will also mention certain needs which I feel that our growing condition demands.

At the close of the academic year 1900-1901, four young men left the school as graduates, and in June, 1902, nine of our pupils received diplomas. Of these thirteen young people who have been trained under our care, all are leading worthy lives, are self-supporting and practically independent. Some are successful, helpful teachers; two are pursuing their studies in higher institutions, and others are earning their living by working regularly at some trade learned while at this school. Here surely, we may find cause for gratification and commendation.

BLIND CHILDREN.

We consider the ordinary blind child to be just as capable as the pupil who can see, and in fact, he takes hold of the school work as outlined in essentially the same way.

Except in some branches where the recitations are necessarily oral, as contrasted with the blackboard or written work in the corresponding subjects in our public schools, the visitor who comes here will notice little difference between the work of our pupils and those who have their sight.

THE KINDERGARTEN.

This capacity for independent work begins to show itself in the child as soon as a few weeks have been spent in the kindergarten, where, through the skill and patience of the teacher, all become familiar with the well-known Froebel's Gifts and Occupations, Games and Songs. They also learn a little basket weaving, and have a small hand loom. The benefits of this most important department come to the child in their order, so that the pupil is recognized as the busy, happy boy or girl of the kindergarten.

THE ASSEMBLY ROOM.

I think it is only proper that we give to our students the same consideration as is accorded to the pupils in our public schools, and that this care is most in evidence when we provide the means through which the child will be led to know that this place is only a school, and further, I am convinced that we must throw around the pupil the atmosphere of the school during his study as well as recitation periods. This, we think, will be accomplished best by the general adoption of the assembly room plan, and I am pleased to note that it is your purpose to fit up such a room to be used by the boys at the beginning of the next school year.

ASSEMBLY ROOM.

INDIVIDUAL WORK.

In connection with his study done independently in the school rooms, the blind pupil must receive outside help, which calls for a vast amount of individual work on the part of the teachers. Especially will this feature of our work be prominent until we have at our command a comprehensive Braille reference library. Our pupils are sadly lacking in the ability—opportunity to carry on independent research along any particular line, and in many cases the valuable time of our teachers is being taken up with excessive duties of this kind, when the pupil ought to be reading for himself. Due to the fact that our teaching force in this department is too small, it is true that a more than proportionate amount of their time outside of classes is now devoted to this kind of work. Our teachers deserve much commendation for their faithfulness, and an anxious desire at all times to give helpful aid. I am very confident that we can find the solution to this problem in a great measure by the introduction of a large number of standard works printed in the Braille system, to be used by our pupils as reference books. Not only will this give to the teacher the time needed for preparation, but it will train the pupil to be an independent student.

CLASSIFICATION.

I would recommend that all pupils admitted to this institution of whatever age, be required to enter some grade in the literary department, and that the study and mastery of the Braille system be the basis for all subsequent work in any department.

THE COURSE OF STUDY.

Our course of study has not been changed during the period under consideration, and I think not for ten years. The course is a good one, but because some new subjects have been added from time to time, to the other departments of our school, without properly incorporating them into the graded course, I feel that some regrading, adjusting and balancing of subjects ought to be accomplished soon, in order that each pupil by doing the proper amount of regular work each year, may find the whole course available without overcrowding at some points, and not finding enough to do at others.

BOOK MAKING.

I offer as a report of the output of the printing department for the past two years, the stereotyping and printing of eight carefully selected text books. This means the production of nearly 3,000 brass stereotypes, and from twelve to fifteen times as many printed pages. In addition to the above a quantity of music has been copied. The new press purchased during the past year is a vast improvement over the old method of embossing. I hope that we will soon be able to furnish copies of a number of good reference books. I would recommend the addition of appliances for the production of diagrams, geometric figures, etc., for use in connection with the Braille system.

Respectfully submitted,

E. H. GOODRICH.

MUSIC DEPARTMENT.

To the Board of Control:

We aim to have every pupil who shows at least a fair degree of ability in music make a special study of it, if he desires to do so. The lines of music study afforded by the school are piano, pipe organ, reed organ, voice culture, violin, and other orchestral instruments, harmony, musical history, and the tuning of pianos and reed organs.

CHORUS WORK.

Every pupil upon entering school is privileged to join a chorus class suited to his needs. These chorus classes are three in number; Junior, Intermediate, Senior. The Senior Chorus meets five times a week. The Intemediate and Junior Choirs meet two and three times a week. In these classes voices are tested by individual work. Braille music notation is taught, a taste for good music is cultivated, and the musical sense awakened and developed. In these classes it is ascertained how much natural ear for music a child has, and his sense of time, tune, and rhythm educated. This general preparatory work must precede special work in piano, organ, and voice culture.

PIANO.

After a pupil has satisfactorily done this preparatory work in music, he may make application for individual instruction in piano, or voice culture. Usually piano is preferred at the beginning. If the pupil has reached the third grade of the literary department, with good standings, is not less than ten years of age, has good health and mental ability, he may be given a trial at special piano work by receiving private lessons. Every pupil after being admitted to the piano department, is given a fair and conscientious trial, and if he shows some degree of ability, he is encouraged to continue. If there is no promise of success after a prolonged test, the pupil must drop the work to devote his energies to something for which he is better fitted and to make room for others.

A graded course of study is being prepared, and when it is in working order, certificates will be issued upon completion of grades.

VOICE CULTURE.

If, in the preparatory music classes, a voice worthy of special training is discovered, the pupil may enter the vocal department for individual private lessons.

It is our desire to make our students in the music department well-rounded-out musicians. All our energies are bent in that direction, realizing that the blind find an especially available field of labor in the music world after leaving school. We have at present seventeen pianos for practice and teaching, a small pipe organ, three cabinet organs, besides the smaller instruments for orchestral use.

The recent addition of tables and material for teaching staff notation in a practical manner is a great acquisition and much appreciated by teachers and pupils.

MUSIC ROOM.

Within the past two years we have added greatly to our ability to accomplish good work by securing a fair sized stock of the best Braille music. Our teaching methods now require the pupils to read and study their lessons from the Braille, and our stock of stereotyped Braille music enables us to meet the needs of the pupil without his having to write his lessons as was formerly the case. This is a great saving of time and energy, and its educational value is apparent to teachers. We are constantly adding to our stock of Braille music, both from our own stereotyping rooms and by purchase from other institutions.

Respectfully submitted,

GRACE A. BROWN,

Director of Instrumental Music.

TUNING DEPARTMENT.

To the Board of Control:

This department was first introduced into the school in the spring of 1886. Hitherto such students who desired to study the art of piano forte tuning were obliged to seek it at similar schools in other states. I have been the director of the tuning department ever since its introduction, which began in a small way, having but one square piano to use for the purpose, and consequently a very limited number only could be admitted into the department. A few of the students who had already finished their school course applied for readmission that they might avail themselves of the new and important industry that had so recently been added. Shortly after, one other piano was added to the department as the older practicing pianos of the school had passed their usefulness as practicing pianos, which were suitable enough for the instruction given. At the present day the department has five squares and three upright pianos; and in addition, one reed organ, which the department of tuning has recently added. The efficiency of the department is more and more emphasized, for since it was opened, thirty young men have passed the test required to make efficient tuners, and the number is increasing in accordance with the strength of the department. In no other place in the State is the art of tuning more thoroughly taught, even among the sighted. Each pupil is required to study the art all the way from two to four years, according to his musical and mechanical ability. When the student leaves us, and bears with him the certificate of his completion of the art, he is able to tune any instrument, though the number and character of the piano forte is large and varied in style. Not only is he able to tune properly, but regulate and repair any part of the instrument as needed. Our students have as an auxiliary to strengthen their perception of sounds, the study of vocal music both in voice culture and chorus work. A few also take up the study of the violin, which is another great aid in gaining independency over the many difficulties that rise in the path of the tuning profession. The tuning art is by far the most remunerative and for all its many difficulties, the easiest to acquire, for the ear is the organ that is brought into requisition, and if the student has at least a fair degree of mechanical skill, by diligent study is able to overcome many of the difficulties that often perplex those blessed with vision. Our pupils are required to take a piano to pieces that they may the better

understand the relation of all its several parts, and again readjust them until all are safely and surely in their proper places. This requirement leaves no doubt as to their thorough understanding of this intricate instrument. Thus equipped they are also better able to battle with the problems of life, and making a comfortable living.

Respectfully submitted,
AARON C. BLAKESLEE, *Director.*

BROOM SHOP.

To the Board of Control:

A broom shop is maintained in this school for the express purpose of enabling the boys to learn this most useful occupation, but it also contributes by far the largest sum to the annual earnings of the school. All of the saleable products of this shop are made by the pupils.

It is gratifying to report that during the past year, four young men left the shop, each one able to take broom corn from the bale, prepare and make it into brooms of all kinds, also brushes both plain and fancy and those for barbers use.

The shop is equipped with six broom and one brush tying machines, five sewing presses for brooms and one for brushes.

The output for the shop the past year amounts to 355 dozen house brooms, 32 dozen warehouse brooms, 24 dozen barn brooms and 10 dozen whisk brooms.

The average blind boy of working age can complete the broom trade here in from three to four years by spending as much time in the shop each day as is ordinarily given to a subject in school. There have been 19 pupils in the broom shop the past year.

WEAVING.

During the past year a carpet weaving loom has been added and a start made in this branch of learning which promises to be an important source of revenue for some of our blind boys, four having learned the trade this year.

D. M. BERGIN, *Instructor.*

GIRLS' WORK.

To the Board of Control of the Michigan School for the Blind:

In submitting to you this report I take pleasure in saying that on the whole the progress during the past two years has been satisfactory and we hope, because of more earnest efforts, for better results in the future.

Results prove that one of the most important lines of work taken up in this institution is handicraft. Blind girls are continually coming in contact and competition with seeing people, and must to a great extent find their homes with them after leaving the school and in no way can

DOMESTIC SCIENCE CLASS ROOM.

they receive greater benefit than to be instructed in the various forms of handicraft, which are of such importance in the home.

Girls of ten are taken into the sewing room and are given beginning work. They learn very rapidly to sew and knit, crochet, and are afterward taught to use the sewing machine, which they do with a great deal of skill, doing much of the plain sewing such as the making of sheets, pillow-cases, napkins, etc., for the school, as well as their own clothes.

Experience in this work leads to the conviction that blind girls can be successfully taught most if not all of the various forms of handicraft as is evidenced by the many who have gone out from the school and are now self-supporting.

E. A. FOOTE, *Instructor.*

DOMESTIC SCIENCE.

There are at present twenty students in this department. They are divided into groups or classes of four; each class, meeting once a week for the study of food and practical work in the laboratory.

It is the aim of this department to give each student a comprehensive knowledge of the chemistry of cookery, composition of food materials, the relation of food to the body, what foods are best for different climates and occupations, methods for cooking foods so as to obtain the most nourishment from them, names and uses of utensils, making and care of fire. Directions for keeping the room in order are given and after each lesson everything is left in its place.

The students are taught to prepare and serve breakfasts, dinners, suppers and luncheons, doing all the work themselves.

The list of dishes successfully prepared is too extensive to give in detail. Will merely mention the classes of food treated. Fruits—canned, preserves, marmalade, jellies, pickles and catsup. Vegetables of all kinds: Soup, fish, meat, poultry, eggs, bread, biscuits, rolls, etc., cakes, cookies, pies, puddings, custards, ice cream and ices. Beverages.

The laboratory corresponds to a well equipped home kitchen. A new range and individual cabinets have been added this year, greatly facilitating the work. Explanatory lessons from the Boston Cook Book, including lessons on the composition of the human body, digestion, absorption, and nutrition, carbonaceous and nitrogenous food, have been stereotyped in Braille for the use of the students.

The progress in this department has been necessarily slow owing to the fact that we have had only one class a week for the study of food and recipes and drill in the practical work.

I would recommend that one teacher devote her entire time and energy to this department. "Learning by doing" is our motto and the students need much drill.

Respectfully submitted,

B. KATHRYN WRIGHT, *Instructor.*

RULES AND REGULATIONS.

(See Sec. 3, Act No. 123, Public Acts of 1893.)

The object of this institution is to fit pupils as far as may be for useful citizenship. A good citizen possesses a good moral character, intelligence, and the ability, in part at least, to support himself.

The school authorities aim to make prominent such instruction as will tend to secure these desired qualifications. As a means to this end, it is believed that the following are requisite:

1. A system of discipline that promotes regularity of habits and secures the exercise of self control.

2. A course of study, practical as well as comprehensive, that will develop the powers of thought and educate the pupils.

3. Such care of the body as will result in the best muscular and physical development; this being attained by learning and practicing some useful and remunerative handicraft, together with such an amount of recreation as may be possible, not only in the gymnasium but as well in the open air on the grounds. For these reasons a system of instruction which combines the teaching of ethics, intellectual training and hand labor in the shops or work room is adopted, in all of which each pupil will be required to take part according to his ability.

The Board of Control will arrange the course of study for all pupils connected with the school. It should comprehend a period of tewlve years, and shall be arranged in twelve grades, each grade being intended to require one school year's work of an average pupil. A supplemental course of two years or grades may also be arranged for the benefit of advanced and worthy pupils, but the privilege of pursuing such advanced course shall in every case be entirely subject to the discretion of the Board of Control.

The course of study shall not be altered or amended without the authority of the board.

The boys will be assigned times for systematic exercise in the gymnasium and grounds, and regular periods for work in the shop.

The girls will be expected to take part in work assigned them in the sewing room and elsewhere as well as gymnasium practice.

The work and exercise of both boys and girls will be under the supervision of a regular teacher, and will form a part of the daily program.

DUTIES OF SUPERINTENDENT.

The superintendent shall maintain a proper degree of discipline in the institution, buildings, grounds, premises and in the school rooms at all times. As far as may be the school shall in all respects be conducted so as to resemble a well-ordered and well-conducted home.

The superintendent shall frequently call the teachers together for purposes of conference, instruction, advice and common counsel.

It shall also be his duty to personally inspect the work of all the teachers employed at the school and make such recommendations to the Board of Control as may be pertinent in regard to the work of each teacher.

He will promptly report to the board any defect, fault, omission or neglect of duty on the part of any teacher, officer, or other employe of the board.

The result of an examination to be made by or under the direction of the superintendent will determine the standing of the pupils, and the superintendent shall, in writing, assign each to his proper grade.

Promotions, or transfers to lower grades may be made at any time by the superintendent and he shall keep a record thereof.

In case any pupil or pupils may be insubordinate or disobedient the superintendent may inflict or direct the infliction of such penalties and corrective measures as are deemed wholesome in the public schools in this State. In case of persistent or serious disobedience he may, in his discretion, suspend pupils from any one or more of the privileges of the school for a stated period; in like cases, with the advice and concurrence of the resident member of the board, he may exclude any pupil or pupils from such privileges for an indefinite time. All cases in which he recommends expulsion shall be referred to and decided by the board at any regular or special meeting.

The superintendent shall do and perform such duties as may be from time to time required by the Board of Control.

DUTIES OF TEACHERS.

Teachers will be required to give their whole time to the school, to this end they will board and make their home at the institution, except when a special agreement is made.

They will teach such classes, read to pupils evenings, oversee pupils out of school hours, and do such other work incident to their employment as may be directed by the superintendent. They will spend their nights, Saturdays and Sundays at the school, except as they may be excused by special arrangement with the superintendent.

All teachers are expected to loyally devote themselves to the highest interest of the school and unselfishly to give their best strength to promote its success; to avoid all appearance of rivalry, envy, jealousy or evil speaking among themselves, and especially in the presence of pupils. Gossiping, forming cliques or parties among themselves, or with pupils are each to be studiously avoided. Teachers will meet with the superintendent whenever by him required to do so for the purpose of conferring with him, and will be required to meet with the superintendent at such stated intervals as he may determine for the purpose of conference, instruction, advice and common counsel.

Prompt attendance at the classes, places of duty and meals will be required of each teacher.

All teachers, attendants and employes are strictly forbidden to demand, solicit, suggest, accept or receive any fee, gift, present or gratuity from any visitor, pupil, guardian or other person, and under no circumstances will this be tolerated.

Each teacher will promptly report to the superintendent any infraction or violation of the rules, breaches of decorum or anything affecting the good name of the school.

DUTIES OF PUPILS.

All persons admitted to any department of the school as pupils are required to yield a prompt, cheerful and courteous obedience to all the rules and regulations of the institution, and also to such written rules and oral directions as may be found necessary from time to time.

All are required to be respectful to all teachers and employes at all times, to be kind and helpful to each other, to wholly and absolutely abstain from the use of improper, indecent and profane language at all times.

Pupils will not be permitted to leave the school premises at any time, by night or by day, without permission of the superintendent, or in his absence his authorized representative, previously obtained.

Under no circumstances will pupils be permitted to visit those of the opposite sex in their rooms.

Tobacco in any of its forms, intoxicating liquors of all kinds, objectionable games and all pernicious books will be considered contraband and subject to seizure by the school authorities.

Pupils are required to walk quietly up and down the stairs and in the halls, to avoid noisy or boisterous talking or conduct, and scuffling, wrestling, or unseemly disorder in all buildings and rooms.

All pupils are required to respond promptly to all signals.

Meals will be served only in the dining-room, except in cases of serious illness.

Pupils are required to render at all times the same obedience and respect to the suggestions and directions of teachers in charge at any time or place, as they would accord to the superintendent under like circumstances.

Possession by the pupils of any matches, false keys, lock-picks or firearms will subject such pupils to immediate suspension and subsequent expulsion.

Correspondence between those of different sexes in the school is forbidden. Letters addressed to any pupil not known to be from the parents, guardians, or immediate relatives of such pupil may be suppressed by the school authorities.

GYMNASIUM.

TREASURER'S REPORT.

MICHIGAN SCHOOL FOR THE BLIND, *In account with G. W. Bement, Treasurer.*

Date.		Dr.	Cr.
1900.			
July 1...	Balance	$1,301 56	
3...	Cash from State Treasurer, county charges	1,458 81	
31...	" " superintendent	291 35	
Aug. 31...	" " State Treasurer	5,600 00	
31...	" " superintendent	110 57	
Sept. 27...	" " "	394 67	
Oct. 31...	" " State Treasurer	2,800 00	
31...	" " superintendent	99 44	
Nov. 15...	" " State Treasurer	2,800 00	
30...	" " superintendent	242 60	
Dec. 28...	" " "	59 85	
28...	" " State Treasurer	2,800 00	
1901.			
Jan. 30...	" " superintendent	178 62	
Feb. 20...	" " State Treasurer	2,800 00	
27...	" " superintendent	129 46	
Mar. 28...	" " "	137 08	
28...	" " State Treasurer	2,800 00	
April 17...	" " " "	2,800 00	
30...	" " superintendent	160 09	
May 31..	" " "	252 19	
31...	" " State Treasurer	2,800 00	
June 25...	" " " "	2,915 00	
27...	" " superintendent	182 98	
July 31...	Cash paid disbursements		$1,291 10
31...	" " "		1,174 88
Aug. 31...	" " "		1,483 15
Sept. 27...	" " "		4,067 46
Oct. 31...	" " "		2,705 71
Nov. 30...	" " "		2,265 46
Dec. 27...	" " "		2,313 06
Jan. 20...	" " "		2,757 12
Feb. 27...	" " "		1,993 19
Mar. 28...	" " "		2,352 02
April 30...	" " industrial equipment		37 73
30...	" " current expense		2,663 47
May 31...	" " " "		3,583 84
June 26...	" " " "		2,424 01
	Balance		2,002 07
Total		$33,114 27	$33,114 27

Treasurer's Report.—Continued.

Date.		Dr.	Cr.
1901.			
July 1...	Balance	$2,002 07	
31...	Cash from State Treasurer	3,070 00	
31...	" " superintendent	94 46	
31...	" " State Treasurer, hospital	3,000 00	
Aug. 31...	" " superintendent	14 26	
Sept. 30...	" " State Treasurer, hospital	3,000 00	
30...	" " " "	3,070 00	
30...	" " superintendent	75 26	
Oct. 31...	" " " "	33 98	
31...	" " State Treasurer, county charges	1,370 17	
31...	" " " "	3,070 00	
Nov. 29...	" " " "	3,070 00	
29...	" " superintendent	279 11	
Dec. 28...	" " State Treasurer	3,070 00	
31...	" " superintendent	93 12	
1902.			
Jan. 29...	" " " "	108 45	
29...	" " State Treasurer, hospital	4,000 00	
Feb. 18...	" " " "	3,070 00	
28...	" " superintendent	538 51	
Mar. 18...	" " State Treasurer	3,070 00	
26...	" " " "	359 50	
April 30...	" " " "	3,070 00	
30...	" " superintendent	35 64	
May 31...	" " " "	164 20	
June 4...	" " State Treasurer	3,070 00	
30...	" " " "	3,070 00	
30...	" " superintendent	592 52	
1901.			
July 31...	Cash disbursed		$1,239 63
31...	" "		2,039 58
31...	" "		1,629 26
Aug. 29...	" "		473 08
29...	" "		1,544 00
Sept. 30...	" "		4,185 13
Oct. 31...	" "		4,179 24
Nov. 29...	" "		3,362 94
Dec. 31...	" "		3,337 63
1902.			
Jan. 29...	" "		3,586 57
Feb. 28...	" "		2,639 18
Mar. 26...	" "		6,522 40
April 30...	" "		2,624 24
May 31...	" "		2,392 84
June 30...	" "		3,418 99
30...	Balance		3,286 54
Total		$46,461 25	$46,461 25

Voucher register, Michigan School for the Blind, for the year ending June, 1901.

	1900.											
	July.		August.		September.		October.		November.		December.	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Salaries and wages	$399 88	.....	$371 80	.....	$639 44	.....	$722 08	.....	$717 71	.....	$838 60	
Food	331 98	$186 25	115 98	.....	536 32	.....	695 66	$3 64	495 04	$1 80	473 23	$1 10
Clothing	3 20	1.177 61	10 13	.....	65 81	.....	191 41	.....	46 15	15	84 11	85
Laundry expense	38 22	.....	46 34	.....	152 41	.....	68 93	.....	76 46	.....	66 38	
Heating	37 50	.....	178 85	.....	450 02	.....	65 00	.....	110 28	.....	55 00	
Light	24 05	.....	44 39	.....	93 08	.....	23 75	.....	32 96	.....	23 75	
Medical supplies	107 89	.....	.....	.....	13 95	.....	156 88	.....	127 52	.....	88 76	75
Stationery, printing, etc	33 50	5 00	6 20	.....	33 60	$5 00	13 88	7 78	23 00	.....	7 50	
Amusement and instruction	428 22	.....	27 61	.....	100 93	10 00	261 57	.....	141 04	.....	95 87	1 00
Household supplies	77 30	.....	30 05	.....	81 44	.....	42 13	.....	22 51	.....	43 12	
Furniture and bedding	315 54	.....	11 75	.....	23 25	.....	30 54	.....	14 20	.....	134 09	
Improvements and repairs	372 84	.....	342 41	.....	53 73	28 00	33 71	.....	12 74	.....	1 35	
Tools and machinery	.....	.....	.....	.....	.....	.....	40 43	.....	50 52	.....	10 15	
Farm, garden, stock and grounds	233 38	114 69	175 64	.....	366 56	128 22	177 34	3 55	175 79	146 35	76 25	3 50
Freight and transportation	3 72	97 08	7 75	.....	1 50							
Miscellaneous expense	.....	.....	45 24	.....	148 54	.....	25 67	3 37	25 67	.....	34 00	
Industrial training	50 00	169 53	50 51	110 57	1,244 08	223 45	176 73	81 10	193 87	94 30	149 15	52 65
Total disbursements	$2,457 22	.....	$1,464 65	.....	$4,064 66	.....	$2,705 71	.....	$2,265 46	.....	$2,181 31	
Total receipts	.....	$1,750 16	.....	$110 57	.....	$394 67	.....	$99 44	.....	$242 60	.....	$59 85

Voucher register, Michigan School for the Blind, for the year ending June, 1901.—Concluded.

	1901.												Disbursements.	Receipts.
	January.		February.		March.		April.		May.		June.			
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.		
Salaries and wages	$724 13	$3 17	$719 30	.....	$739 27	.....	$728 88	.....	$784 77	.....	$778 23	.....	$8,224 09	$3 17
Food	964 23	.....	508 35	.....	391 36	$2 73	464 12	$2 58	667 14	$3 52	293 77	.....	5,937 18	201 62
Clothing	86 10	.....	128 69	.....	122 00	1 80	103 23	8 55	105 95	2 38	129 33	$0 40	1,076 11	1,191 74
Laundry	98 81	.....	63 30	.....	73 49	.....	99 51	.....	231 72	.....	62 60	.....	1,078 17	
Heating	221 09	.....	55 00	.....	55 00	.....	251 67	.....	1,044 53	.....	55 00	.....	2,578 94	
Light	59 93	.....	23 75	.....	71 02	.....	60 28	.....	190 09	.....	23 75	.....	670 80	
Medical supplies	95 11	.....	40 81	.....	104 89	.....	77 70	.....	48 79	.....	34 49	.....	876 79	75
Stationery, printing, etc	18 46	.....	5 00	.....	10 00	.....	70 10	.....	12 10	.....	17 21	.....	250 55	17 78
Amusement and instruction	111 57	.....	118 70	.....	137 53	.....	112 84	.....	66 16	.....	32 25	1 49	1,634 29	12 49
Household supplies	31 63	.....	10 03	.....	58 77	.....	93 43	.....	20 79	.....	91 75	.....	602 95	
Furniture and bedding	3 78	.....	.....	.....	64 14	.....	13 10	2 00	41 28	.....	299 24	.....	950 91	2 00
Improvements and repairs	27 15	.....	6 58	.....	53 02	.....	15 16	.....	15 41	.....	9 90	.....	944 00	28 00
Tools and machinery	11 36	.....	.....	.....	.....	.....	42 85	.....	15	.....	.....	.....	155 46	825 68
Farm, garden, stock and grounds	95 15	3 00	90 62	$98 32	110 02	2 22	209 48	51 43	215 91	210 85	200 48	63 55	2,126 62	
Freight and transportation	.....	.....	2 89	.....	1 94	.....	34 77	.....	9 05	1 84	99 32	5 54	160 94	104 46
Miscellaneous	71 21	.....	86 17	.....	193 41	.....	150 26	.....	.....	.....	59 51	.....	839 68	3 37
Industrial training	137 41	172 45	134 00	31 14	141 66	130 33	136 09	95 53	130 00	33 60	133 68	112 00	2,677 18	1,306 65
Total disbursements	$2,757 12	.....	$1,993 19	.....	$2,327 52	.....	$2,663 47	.....	$3,583 84	.....	$2,320 51	.....	$30,784 66	
Total receipts	.....	$178 62	.....	$129 46	.....	$137 08	.....	$160 09	.....	$252 19	.....	$182 98	.....	$3,697 71

HAMMOCK ROOM.

Voucher Register Michigan School for the Blind, for the year ending June, 1902.

	1901.											
	July.		August.		September.		October.		November.		December.	
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Salaries and wages	$408 66	.....	$419 74	.....	$781 22	.....	$808 94	.....	$766 49	.....	$865 91	
Food	155 22	.....	171 86	.....	655 45	.....	824 06	.....	832 63	.....	386 40	
Clothing	7 44	$0 05	30	.....	58 05	$0 90	147 83	$0 35	157 53	.....	143 11	
Laundry expense	50 07	.....	76 82	.....	57 41	.....	102 65	.....	114 08	.....	116 60	
Heating	55 00	.....	322 80	.....	55 00	50	166 16	.....	244 76	.....	380 82	
Light	23 75	.....	72 63	.....	23 75	.....	43 77	.....	81 12	.....	65 21	
Medical sapplies	14 07	.....	5 75	.....	37 74	.....	71 68	.....	68 42	.....	25 09	
Stationery, printing, etc	17 95	25	1 25	.....	43 09	.....	76 02	.....	21 20	.....	38 69	
Amusement and instruction	57 51	.....	16 21	$0 14	62 12	3 81	138 37	2 61	141 68	.....	32 20	$0 60
Household supplies	295 61	.....	101 44	.....	332 48	.....	88 22	.....	73 25	.....	28 12	
Furniture and bedding	904 45	.....	200 54	.....	155 54	2 00	.....	.....	28 50	.....	15 00	
Improvement and repairs	169 82	.....	534 36	.....	746 72	.....	14 99	.....	280 80	.....	12 40	
Tools and machinery	.....	80 56	.....	.....	1 85	.....	.....	.....	8 26	.....		
Farm, garden, stock and grounds	247 38	.....	167 59	3 50	304 98	14 13	170 95	90	82 25	$239 39	115 40	
Freight and transportation	25	.....	8 05	.....	2 15	.....	.....	.....	.....	.....	22 25	
Miscellaneous expenses	48 27	60	3 00	.....	.....	2 95	100 00	2 25	.....	.....	67 67	
Industrial training	.....	13 00	.....	10 62	168 08	50 97	162 81	27 87	132 59	39 72	242 94	92 52
Total disbursements	$2,455 45	.....	$2,102 34	.....	$3,485 63	.....	$2,916 45	.....	$3,033 56	.....	$2,557 81	
Total receipts	.....	$94 46	.....	$14 26	.....	$75 26	.....	$33 98	.....	$279 11	.....	$93 12

Voucher Register Michigan School for the Blind, for the year ending June, 1902.—Concluded.

	1902.													
	January.		February.		March.		April.		May.		June.		Disbursements.	Receipts.
	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.		
Salaries and wages	$756 01		$757 38		$792 98		$785 87		$777 23		$1,013 54		$8,933 97	
Food	431 46		351 99		783 65		669 49		504 75		564 00		6,330 96	
Clothing	47 25	$3 17	122 02		86 76		119 27		164 30		101 40	$6 73	1,155 26	$11 20
Laundry expense	121 62		99 85		121 52		86 47		66 93		97 07		1,111 09	
Heating	413 81		303 15		119 50	$57 22	218 42		37 50		150 55		2,797 47	57 72
Light	77 17		62 09		83 52		47 47		28 83		43 25		652 56	
Medical supplies	25 70		14 28		75 27		69 46		36 47		134 03		577 96	
Stationery, printing, etc	6 00		64 37		6 63		27 20		6 85		66 20	1 80	375 45	2 05
Amusement and instruction	71 08	1 50	30 22	$1 00	155 88	6 65	116 65	$0 65	132 61	$7 20	72 99	1 56	1,027 52	25 72
Household supplies	67 07		37 40		48 47		25 11		29 33		246 38		1,372 88	
Furniture and bedding	78		98 06		13 46		22 99		5 02		83 35		1,527 69	2 00
Improvements and repairs	25 12		30 30		49 92		17 51		38 35		38 35		1,958 64	
Tools and machinery	50				37 86		3 00		47 63				99 10	80 56
Farm, garden, stock and grounds	206 12	74 20	521 15	410 80	75 08	221 64	233 72		218 82	23 50	601 25	149 42	2,947 69	1,167 48
Freight and transportation	12 43				7 86		23 02		9 16	31	76 70		161 87	31
Miscellaneous expenses	127 20				100 00			10	66 67				512 81	5 90
Industrial training	128 45	29 58	136 71	96 71	136 46	73 99	158 59	34 89	143 99	133 19	129 93	433 01	1,540 55	1,036 07
Total disbursements	$2,517 77		$2,631 97		$3,024 82		$2,624 24		$2,314 44		$3,418 99		$33,083 47	
Total receipts		$108 45		$538 51		$359 50		$35 64		$161 20		$592 52		$2,389 01

BROOM SHOP.

LIST OF PUPILS.

Enrolled from September, 1900 to June, 1902.

Name of pupil.	Cause of blindness.	County.
Awe, Lewis	Congenital	Macomb.
Allison, Frank	"	Muskegon.
Boynton, Eldred	"	St. Clair.
Brannan, James	"	Kent.
Batcheller, Hubert	"	Wayne.
Britten, Howard	"	Eaton.
Burroughs, Jessie	"	Cass.
Barnes, Henrietta	"	Monroe.
Conner, Elmer	"	Ogemaw.
Duffy, May	"	Jackson.
Decker, Grace	"	Shiawasse.
Emert, Gertrude	"	Kent.
Felton, Pearl	"	Wayne.
Goodrich, Clifford	"	Tuscola.
Goodrich, Frank	"	Tuscola.
Gauthier, Agnes	"	Wayne.
Gauthier Grace	"	Wayne.
Hiler, Sidney	"	Ottawa.
Hiler, Roland	"	Ottawa.
Herzog, Mary	"	Washtenaw.
Liebhauser, Earl	"	Barry.
Liebhauser, Edith	"	Barry.
Moran, Louis	"	Macomb.
Minard, Cecil	"	Sanilac.
Murch, Wilson	"	Oakland.
Morrison, Wilda	"	St. Clair.
Minnis, Frances	"	Kent.
Monks, Leona	"	Montcalm.
McDonald, Roderick	"	Houghton.
Pratt, William	"	Shiawassee.
Persons, Albert	"	Alpena.
Peterson, Edgar	"	Lapeer.
Petroski, Frances	"	Wayne.
Pratt, Isabell	"	Shiawassee.
Playter, Grace	"	Kent.
Roberts, Nevison	"	Eaton.
Rodger, Florence	"	Wayne.
Reames, Ethel	"	Montcalm.
Robertson, Guy	"	Wayne.
Schultz, Herman	"	Ionia.
Spencer, James	"	Washtenaw.
Smith, Beatrice	"	Wayne.
Schoolcraft, Merle	"	Saginaw.
Trowbridge, Glynn	"	Shiawassee.
Wilson, Clara	"	Lapeer.
Wager, William	"	Wayne.
Ahlich, Theodore	Opthalmia neonatorum	Dickinson.
Brown, Edna	" "	Hillsdale.
Bass, Lucile	" "	Van Buren.
Conger, Guy	" "	Mason.

List of pupils.—Continued.

Name of pupils.	Cause of blindness.	County.
Clawson, Kittie	Opthalmia neonatorum	Mason.
Dawson, Clarence	" "	Saginaw.
Devereaux, Bernice	" "	Livingston.
Dunn, Blanche	" "	Shiawassee.
Hooker, John	" "	Kent.
Hintz, August	" "	Wayne.
Knight, Eva	" "	Gladwin.
Pittenger, Claude	" "	Montealm
Roberts, Mary	" "	Marquette.
Stein, Elsie	" "	Saginaw.
Vedder, George	" "	Lenawee.
Broker, William	Accident	St. Joseph.
Crane, Edith	"	Tuscola.
Fuller, Earl	"	Shiawassee
Hunter, Edna	"	Calhoun.
Kaiser, James	"	Hillsdale.
Knox, Roy	"	Branch.
Kettel, Henry	"	Wayne.
Kelley, George	"	Ionia.
Lant, Beatrice	"	Mackinac.
Lamere, William	"	Houghton.
McCrea, Edward	"	Gladwin.
Mills, Theresa	"	Allegan.
Munson, Gardner	"	Saginaw.
McSweeney John	"	Wayne.
Peters, J. Arthur	"	Isabella.
Reinhart, Dan'l	"	Isabella.
Rowe, Lottie	"	Lapeer.
Soerhelde, Henry	"	Ottawa.
Stewart, Retta	"	St. Clair.
Thayer, Luella	"	Washtenaw.
Van Etten, Charles	"	Ottawa
Austin, Eva	Unknown	Ottawa.
Brandow, Bertha	"	Mecosta.
Chase, Lew	"	Clinton.
Dunnewind, Martin	"	Kent.
Edmonds, Alma	"	Monroe.
Holland, John	"	Genesee.
Hess, Warren	"	Saginaw.
Jeffery, Walter	"	Dickinson.
Kidd, Ralph	"	Ionia.
Longstreet, Celia	"	Ingham.
Martin, Grant	"	Genesse.
McVey, Henry	"	Kalamazoo.
Marowsky, Edward	"	Shiawassee.
Owens, Lewis	"	Van Buren.
Orth, Lester	"	Livingston.
Peggram, William	"	Kent.
Rounds, Carl	"	Saginaw.
Reinbold, Reuben	"	Emmet.
Ripley, Howard	"	Genesee.
Sudrow, George	"	Kent.
Smith, Lydia	"	Hillsdale.
Williams, Charles	"	Clare.
Williams, Clarence D	"	Wayne.
Waite, Leon	"	Eaton.
Wood, Bertha	"	Kent.
Wenger, Mary	"	St Clair.
Alger, Grace	Paralysis of optic nerve	Shiawassee.
Culman, Mamie	" " " "	Gd. Traverse.
Donahue, John	" " " "	Kent.
Ferguson, Mabel	" " " "	Ingham.
Rothwell, Floyd	Affection optic nerve	Sanilac.
Bacon, Charles	Cataract	Ioseo.
Edwards, Elcena	"	Saginaw.

List of pupils.—Concluded.

Name of pupils.	Cause of blindness.	County.
Horsman, Clare	Cataract	Washtenaw.
Payne, Ross	"	Clinton.
Willis, Frank	"	Washtenaw.
Walker, Kate	"	Lenawee.
Bradish, Carl	Inflammation	Ionia.
Brough, Bertha	"	Ottawa.
Cook, Roy	"	Wayne.
Kamhout, Leonard	"	Muskegon.
Keapka, August	"	Wayne.
Spencer, Fred	"	Ionia.
Shipley, Walter	"	Calhoun.
Cowles, Calvin	Measles	St. Clair.
Grant, Winnie	"	Schoolcraft.
Kilburn, Charles	"	Mecosta.
Linsley, Eva	Measles and whooping cough	Kent.
Parker, Lulu	Measles and whooping cough	Ingham.
Eisenmann, Laura	Scarlet fever	Monroe.
Sanderson, Mable	" "	Bay.
Sparks, Lydia	" "	Montcalm.
Welch, Fred	" "	St. Clair.
Fields, Louis	Spinal meningitis	Kent.
Peach, Ida	" "	Gd. Traverse.
Clink, George	Spinal fever	St. Clair.
Jensen, Elsie	Small pox	Mecosta.
Moore, Mabel	Brain fever	Wayne.
Raymond, Iva	" "	Kent.
Richardson, Gertie	Congestion brain	Oakland.
Preston, Nettie	Paralysis	Newaygo,
Trepanier, Aldrick	Severe illness	Dickinson.
Woelfle, Carrie	" "	Jackson.
Wenger, Clara	La Grippe	St. Clair.
Yager, Lester	" "	Midland.
Zeigler, Florence	Typhoid fever	Midland.
Druif, Trynje	Myopia	Van Buren.
Evans, Arthur	Astygmatism	St. Clair.
Schraft, Fred	Retinitis and choridits	Ingham.
Stiles, Geneva	Corneal ulcers	Eaton.

SUMMARY OF INVENTORY.

TAKEN JUNE 30, 1902.

	Value.
Lands and buildings	$124,625 00
Heating, lighting and water apparatus	11,010 00
Tools engine house	84 80
Laundry	373 35
Office furniture, books and stationery	245 80
Musical instruments, music, etc	4,323 40
Library and apparatus	4,617 25
Industrial training—sewing	188 34
Industrial training—brooms	1,152 68
Industrial training—weaving	90 00
Industrial training—cooking	113 47
Industrial training—hammock	59 04
Bedding, towels, linen, etc	1,401 52
Hospital furniture and bedding	425 86
Dispensary	94 56
School furniture	1,932 98
General furniture	5,319 41
Gymnasium	240 60
Household supplies and groceries	460 11
Kitchen, storeroom, bakeroom, furniture	759 00
Dining-room furniture	344 08
Cottage furniture	596 28
Implements and tools	196 35
Wagons and carriages	313 25
Miscellaneous property	301 50
Live stock	1,050 00
Fuel	75 00
Total	$160,420 63

OFFICERS AND EMPLOYES.

Names.	Service.	Rate.	Term.	Residence.
Warren C. Hull	Superintendent	$1,200 00	For 12 months	Resident.
Elizabeth L. Parker	Matron	450 00	" 12 "	"
Anna E. Potter	Clerk and bookkeeper	600 00	" 12 "	Non-resident.
Henrietta C. Morrison	Nurse	350 00	" 10 "	Resident.
Edward H. Goodrich	Principal	450 00	" 10 "	"
Henrietta Warren	First literary teacher	250 00	" 10 "	"
H. Blanche Salsbury	Second literary teacher	225 00	" 10 "	"
Eva S. Andrews	Kindergarten teacher	300 00	" 10 "	"
Aaron C. Blakeslee	Musical director	700 00	" 10 "	Non-resident.
Grace A. Brown	Teacher instrumental music	350 00	" 10 "	Resident.
Lemma M. Voorheis	Vocal teacher	300 00	" 10 "	"
Miss Eliza A. Foote	Teaching sewing, girls matron	400 00	" 12 "	"
Elizabeth Guller Toolan	Teacher hammock making	225 00	" 10 "	"
Denis Bergin	Teacher broom making	500 00	" 10 "	Non-resident.
B. Kathryn Wright	Teacher cooking	300 00	" 10 "	Resident.
Carrie McKenny	Junior boys' matron	300 00	" 12 "	"
Mrs. Jennie Spinning	Seamstress	5 00	Per week	"
Hattie Nowland	"	15 00	" month	"
Margaret Goggins	Visitors' attendant	3 00	" week	"
William Toolan	Engineer	55 00	" month	"
Albert Evans	Fireman	35 00	" "	Non-resident.
Timothy Rotchford	Night watch	37 00	" "	"
James Evans, Sr.	Man-of-all-work	40 00	" "	"
Robert McNish	Gardener	1 40	" day	"
A. E. Gillett	Teamster	40 00	" month	"
James Evans, Jr.	Farm laborer	22 00	" "	Resident.
Mrs. Maggie Toolan	Cook	6 00	" week	"
Mrs. M. A. Sanford	Assistant cook	15 00	" month	"
Mary Cooney	Baker	4 00	" week	"
Millie Corbin	Dining room girl	12 00	" month	"
Grace Smith	" " "	12 00	" "	"
May Walker	" " "	12 00	" "	"
Myrtle Sprague	Chamber maid	12 00	" "	"
Mrs. Lettie Wheaton	" "	12 00	" "	"
Lina Neilson	" "	12 00	" "	"
Mrs. Sabra Murch	" "	12 00	" "	"
May Clements	" "	12 00	" "	"
Mrs. M. A. Chapin	" "	12 00	" "	"
Julia Chapin	" "	12 00	" "	"
Mrs. Kate Graham	Washer woman	22 25	" "	Non-resident.
Mrs. Mary McClory	Ironing woman	22 25	" "	"
Mattie Grimes	Laundry assistant	14 00	" "	Resident.

GENERAL INFORMATION FOR THE PUBLIC.

The State of Michigan has made provision for the education of all her children.

The citizens of the State take a commendable pride in the public school system of the commonwealth, as well as in the higher institutions of learning.

The district school, high school, Normal School, Agricultural College, and University open their doors to children and youth possessed of all their faculties. Young people destitute of sight find these institutions, in the main, not available for them. But the blind have not been forgotten by the State. Provision has been made for their education.

Article XIII, Sec. 10, of the Constitution of Michigan, declares: "Institutions, for the benefit of those inhabitants who are deaf, dumb, blind or insane, shall always be fostered and supported."

In accordance with this constitutional provision a school for the education of the blind children of the State has been located in the city of Lansing, the State capital.

The object of the management of the school is, to fit the blind boys and girls of the State for honorable, useful citizenship. For this reason an effort is made to lay the foundations of a sound moral character in all the pupils, as the prime requisite of good citizenship.

Physical health, intelligence, and ability to contribute to one's own self-support are ranked as next in importance.

The sanitary condition of the buildings and premises are matters of constant study and watchfulness.

Regular and systematic physical exercise, under the direction of competent teachers, in the open air, or gymnasium, forms a part of the regular program.

The course of study embraces all the English branches taught in the ordinary primary, grammar and high school course.

Teachers of experience and ability are employed. In the department of music excellent facilities for voice culture are afforded. Large numbers of pupils are given instruction on the piano and several other string and wind instruments. Teachers of marked skill and capability only instruct in this department.

The school supports a good choir and orchestra. A few pupils become skilled players on the pipe organ.

In the department of handicraft the boys are taught broom, hammock and net making, and those possessed of sufficient musical and mechanical skill learn to tune and repair pianos. Several boys are employed in printing and book-making for the school.

The girls learn to cook, knit, crochet and sew, both by hand and on the machine.

All the pupils are encouraged to learn to use the typewriter and many become very competent operators of that instrument.

GYMNASIUM.

All pupils board and have their home at the school during the academic year.

Board with furnished rooms, warmed and ventilated, washing, medical attendance, including medicine and nursing when sick, are free to all pupils resident of the State. The buildings are large, well lighted and warmed by steam.

It is the constant effort of the management to make this school a comfortable and happy home for all connected with it; a place where kindness, courtesy, culture and intelligence abound and to which children from any portion of the State may be entrusted with entire safety.

CONDITIONS OF ADMISSION.

This institution is supported by the State. It is not an asylum, but a well appointed school, and maintained for the purpose of affording as far as may be a practical education. Blind persons and those whose defective sight prevents them from receiving instruction in the public schools are received as pupils but no person of imbecile or unsound mind or of confirmed immoral character will be knowingly received, nor will those who prove incapable of progress be retained, nor those persistently disobedient and incorrigible. Residents of this State are admitted without charge for tuition, board, lodging, washing, medicines or medical attendance. Applicants for admission from other States may be admitted, but such are required to pay a sum in excess of the necessary expenses.

The school year begins the first Monday in September and continues forty weeks. There is a short holiday vacation. Every effort is made to give thorough instruction, and nearly all those branches taught in the public schools of the State are taught at this school, and several trades and occupations, including cooking for the girls, are also taught.

Especial pains will be taken to secure that exercise and consequent bodily development necessary to good health, and earnest efforts are made to correct the unnatural and peculiar postures and habits which so frequently accompany blindness.

The greatest possible care is taken of the health of pupils. A trained nurse is constantly employed. In case of any illness, the pupil is immediately removed to the hospital, a separate building, away from the noise of school and from the possibility of contagion, where under the direction of a competent physician, regularly employed, the most careful treatment and nursing are bestowed.

These advantages are free to every blind person in Michigan who is of suitable age and mental capacity.

All that friends of the pupils are expected to do is to pay the traveling expenses and furnish approved, suitable and sufficient clothing. If they are unable to do so, such necessary clothing will be furnished by the State.

All applications for admission must be passed upon by the board of control.

For further information, address,

THE SUPERINTENDENT,
School for the Blind, Lansing, Michigan.

SUGGESTIONS TO PARENTS AND GUARDIANS OF BLIND CHILDREN.

1. Blind children, unless under the most favorable circumstances at home, should be in the institution at eight years of age, or before.

2. Teach them to take plenty of exercise in the open air, to run on little errands, to be as active and helpful as possible.

3. Do not permit the fact of blindness to make you less strict in securing obedience, cleanliness and respectfulness on the part of the child, otherwise you do him a gross wrong, by permitting him to form unseemly habits and manners which require years of teaching to efface. Especially, should their physical growth be guarded so that they may possess healthy, symmetrical bodies and be free from any peculiarity of movement, such as the nervous twitching of arms and fingers, and turning of head.

4. Permit the blind child to enjoy all the privileges granted other children. Let him attend the public school, the Sunday-school and church, and places of amusement.

5. Teach him the names, forms and uses of the common objects around him. Teach him to count, to add, subtract, multiply, divide, etc.

6. When pupils enter the school, health permitting, they should attend punctually and regularly until the course is completed.

7. Forbid the use of tobacco in any form, or of strong drink.

8. Do not dwell upon the blind child's misfortune in his presence nor permit others to do so. Encourage him to be cheerful, hopeful and industrious.

9. It has been demonstrated that the majority of blind men and women, if intelligent and deserving, can make a living and do a creditable part in any community. Instead of being helpless burdens, they become self-supporting and self-respecting, a source of gratification, rather than of care and regret, to their friends.

STEREOTYPING IN THE BOOK-DEPARTMENT OF THE MICHIGAN SCHOOL FOR THE BLIND, LANSING.

AMERICAN BRAILLE ALPHABET

a b c d e f g h i j k l m

n o p q r s t u v w x y z

To capitalize prefix sign

, : : . ? ! — ( ) ' -

1 2 3 4 5 6 7 8 9 0

All characters are formed from different combinations of dots in the full cell.

BOOKS PRINTED IN THE AMERICAN BRAILLE SYSTEM.

(EMBOSSED AT THE MICHIGAN SCHOOL FOR THE BLIND, 1894-1902.)

TEXT-BOOKS.

Arithmetic by Grades; a collection of easy exercises in written arithmetic. J. T. Prince (abridged). Books III, IV and V.
A Grammar School Arithmetic, G. A. Wentworth, 3 vols.
Answers to Wentworth's Grammar School Arithmetic.
A School Algebra, G. A. Wentworth, 3 vols.
Answers to Wentworth's School Algebra.
The Children's Second Reader, Ellen M. Cyr.
The Children's Third Reader, Ellen M. Cyr, 2 vols.
The Children's Fourth Reader, Ellen M. Cyr, 3 vols.
Selections from Harper's Fifth Reader (American Authors).
King's Geographical Reader, Book I, Chas. F. King.
King's Geographical Reader, Book II, Chas. F. King, 2 vols.
American History Stories, Mara L. Pratt, M. D., 4 vols.
Spelling Exercises; Michigan's Eight Hundred Words and a list of Homonyms with illustrative sentences.
New Word Analysis; or School Etymology of English Derivative Words, Wm. Swinton, 2 vols.
Elementary Lessons in English, compiled from Mrs. Knox-Heath's "The Parts of Speech and How to Use Them," 2 vols.
Advanced Lessons in English Grammar, Wm. H. Maxwell, 3 vols.
Outlines of Rhetoric, J. F. Genung, 3 vols.
Moral Science, or the Philosophy of Obligation (Revised Edition). James H. Fairchild, 3 vols.
Constitution of the State of Michigan, W. Gardner.
General History, Meyers, 9 vols.
The Human Body, Martin, 3 vols.
American Manual Parliamentary Law, Fish, 1 vol.
Grammar School Geography, Werner, 3 vols.
Physical Geography, Davis, 3 vols.
Elements of Physics, Carhart & Chute.
Elementary Psychology, Putnam.
Chemistry Shorter Course, Remsen.
History of United States, Fiske, 7 vols.
Civil Government of Michigan, King, 1 vol.
Policital Economy, Walker, 4 vols.
Physical Geography, Davis, 3 vols.
First Reader, Baldwin, 2 vols.

MISCELLANEOUS PUBLICATIONS.

Boston Cook Book, Lincoln, 3 vols.

A Practical and Economical Cook Book, B. Kate Wright, teacher of cooking, Michigan School for the Blind.

Michigan; a History of Governments, Thos. M. Cooley, 3 vols.

George Washington and Historical Biography, Horace E. Scudder, 2 vols.

Brave Little Holland and What She Taught Us, Wm. E. Griffis, 2 vols.

The Conquest of Mexico, Wm. H. Prescott (abridged). With Biography Notes, etc., 2 vols.

Java, the Pearl of the East, S. J. Higginson, 2 vols.

Japan in History, Folk-Lore and Art, Wm. E. Griffis, 2 vols.

Selections for Declamation; vol. I Patriotic; vol. II Miscellaneous.

The Hayne-Webster Debate and Other Specimens of American Oratory.

The Tent on the Beach, Stanzas for the Times and other Poems, J. G. Whittier.

Selections from the Poetical Works of James Russell Lowell.

Constitution of the Mutual Improvement League.

MUSICAL PUBLICATIONS.

Musical Dictionary, Clark, 3 vols.

Hymn Book; a Collection of Standard Hymns. Words and music.

A collection of Standard Modern Violin Music with Piano Accompaniments, Julius Eichberg.

Grand Polonaise, op. 271, A. Dekonski.

Tarantelle, op. 92, Gustav Merkel.

Saltarelle, op. 266, E. Ketterer.

Cachucha (Caprice), J. Raff.

Marche De Nuit, L. M. Gottschalk.

Tarantelle, op. 85, No. 2, Stephen Heller.

Rondo Capriccioso, F. Mendelssohn.

Saltarello, op. 31, A. C. Blakeslee.

The Fleecy Clouds, op. 33, No. 20. Mendelssohn's Songs without Words.

Twelve Preludes, J. S. Bach.

Farewell to the Piano, Beethoven.

Eureka Mazurka, Franz Hitz.

Pavane, Herbert F. Sharpe.

Communion in G (for the Pipe Organ), op. 4, No. 1, E. Batiste.

Andante in F (for the Pipe Organ), Lefebure Wely.

Lessons in Musical History, Fillmore, 3 vols.

Standard Course of Graded Studies, Book I, Mathews.

Crystal Fountain Waltz, Blakeslee.

Die Lorolei, E. B. Perry.

Fifty Lessons for the Medium Part of the Voice, J. Concone.

Snow Flakes, F. W. Cowen.

When the Lillies of the Valley Bloom Again, T. Chattaway.

Little Buttercup, op. 80, C. Sidus.

The Gay Peasant, op. 216, No. 6, C. Gurlitt.

Little Hungarian Melody, F. Behr.

Slumber Song, op. 81, No. 15, S. Heller.
Song of the Swallow, op. 270, C. Bohm.
Minuetto, op.12, No. 2, 1. Cavanagh.
Sonatina, op. 44, No. 3, For Four Hands, F. Kuhlau.
Esperance, H. Lichner.
Scherzino, op. No. 4, F. Lynes.
The Babbling Brook, op. 28, No. 3, W. G. Smith.
Bohemian Song, W. Alletter.
The Mill in the Black Forest, op. 52, R. Eilenberg.
The Sunset's Smile Had Left the Sky, op. 36, No. 3, vocal, D. Buck.
The Way of Peace, vocal, with Piano and Harmonium or Organ Accompaniment, C. F. Lloyd.
Come to the Land of Rest, vocal, P. Greeley.
Storm and Sunshine, op. 76, No. 5, D. Buck.
Fifty Selected Pianoforte Studies. First Four Studies, J. B. Cramer.
Military March, op. 51, No. 1, Schubert.

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